



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 11, 1985

Mr. Tom Chivers
Western Clay Company
P. O. Box 1067
Aurora, Utah 84620

Dear Mr. Chivers:

Re: Review of Mining Plan Modification, Redmond Bentonite Pit,
ACT/041/012, Sevier County, Utah

The Division has reviewed the plans submitted by Western Clay to open a new pit within the Redmond Bentonite Pit permit area. The review has shown that there is still some information required to complete the application as per the requirements of the Utah Mined Land Reclamation Act (Title 40-8, Utah Code Annotated 1953). The attached review outlines the additional information required, and references the rule numbers of the Mined Land Reclamation Act which require such information. Please organize your response by the appropriate rule number.

When the Division has received an adequate response to this review finalization of permit approval can begin. This involves a 30 day public notice period, after which the surety bond can be taken to the Board of Oil, Gas and Mining for final approval. It is therefore important to agree on the amount of the proposed bond as soon as possible. Please feel free to contact me if you have general questions about the review or Randy Harden if you have questions about bonding.

Sincerely,

Susan C. Linner
Reclamation Biologist/
Permit Supervisor

jvb
Attachment
cc: L. Braxton
D. Cline
R. Harden
L. Kunzler

0327R

Mining Plan Modification
Western Clay Company
Redmond Bentonite Pit

ACT/041/012
Sevier County, Utah

June 11, 1985

Rule M-3 Notice of Intention to Commence Mining Operations - DC

- d) Enclosed map does not show surface features or facilities within 500 feet of exterior limits of affected land. The copy of the topographic map is from 1966. Have any new surface facilities been installed in the 500 foot designated perimeter?
- e) Drainage plan on enclosed map is inadequate. Map needs more detail (contour internal, contour labels). Drainage from overburden waste area appears to be to the North. If so, what is the receiving area beyond the limits of the map?
- 1) Operator needs to state plan for disposal of water that flows into and/or collects in pit.

Rule M-5 Surety Guarantee - JRH

The operator shall include with the Reclamation Plan, a detailed cost estimate of all reclamation activities planned, including quantities, productivity, and unit cost estimates, including source of information used in determining costs. This estimate must be provided and a bond amount must be determined and posted prior to commencement of operations.

Rule M-6 Maps and Plans - DC, JRH

Maps provided need to include permit area boundaries and affected area boundaries (area to be disturbed), and enumerate the acreage within each boundary. Maps should also include the permit number. A color code or other legend as required by Rule M-6 needs to be incorporated. Contour interval needs to be included and more definition of area between overburden waste area and settling pond needs to be incorporated.

Rule M-8 Reports - JRH

(b)(2) As part of the Annual Report, the operator shall furnish topographic maps of the pits and the waste disposal areas. These maps shall be of a scale and contour interval sufficient to determine the amounts of materials moved.

Rule M-10 Reclamation Standards

(1) Land Use - DC

Operator needs to state what post-mining land use will be and justify.

(3) Impoundments - DC

Operator needs to address reclamation of settling pond(s).

(4) Slopes - JRH

The operator shall determine and commit to a maximum slope angle for waste piles and fill sufficient to assure stability and minimize surface erosion. Measures taken to prevent surface erosion are especially important in as much as the success or amount of vegetation used to control erosion will be minimal.

(11) Sediment Control - DC

Operator needs to submit plan for sediment control from overburden waste area and roads.

(12) Revegetation - LK

The operator needs to be more specific in describing revegetation of the site. At a minimum, the operator should commit to using the same procedures, seed mix, etc. as described in the permit for the approved Redmond Bentonite Pit mine.

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